9–255
(Jan. 1927)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL

1. **Location:** State NYS County Putnam
   Nearest P. O. Lake Mahopac Direction from P. O. South
   Distance from P. O. 2 miles; ____ ¼ sec. ____, T. ____, R. ____
   If in city, give street and number Town of Carmel
   Rev. Martin Schutz, Pres.

   Locate well on plat of section.

2. **Owner:** Lake Baldwin Land Co. Address Baldwin Place, N. Y.
   Driller: ____ Address ____

3. **Situation:** Is well on upland, in valley, or on hillside? valley

4. **Elevation of top of well:** 520 ft. above the level of sea
   (Above or below) (Sea, depot, lake, or stream)

5. **Type of well:** ~~Driven~~ collecting well; kind of drilling rig used ____
   (Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. **Depth of well:** 21 ft.; year in which well was finished ____
   Does ~~well~~ enter rock? Yes; if so, at what depth? 17 ft.; kind of rock Granite & boulders

7. **Diameter:** At top 5 ft. inches; at bottom 1½" inches.

8. **Principal water bed:** gravel "granite"
   (Gravel, sand, clay, or rock. If rock, state kind)
   Depth to principal water bed ____ ft.; thickness of bed ____ ft.
   If other water supplies were found, give depth to each ____

9. **Casings:** Kind Concrete pipe; size 5' dia.; length 16 ft.; between depths of 0 and 14 ft.
   Kind steel; size 5'; length 3 ft.; between depths of 14 and 17 ft.
   Kind no casing; size 1½"; length 4 ft.; between depths of 17 and 21 ft.
   Backfilled sand & gravel 15 and 20 ft
   Packers (if any): Depth at which packers were used ____; kind ____
   Screen or Strainer: Was well finished with screen? ____; kind of screen ____;
   length of screen ____ ft.; diameter ____ inches; size of openings ____

10. **Head:** Does ~~well~~ at present overflow without pumping? Yes; did it overflow when new? ____;
    if flowing, give pressure ____ lb. per sq. inch; or height water will rise in a pipe ____ ft. above surface;
    original pressure or head ____; if not flowing, give water level in well ____ ft. below surface.

11. **Pump:** Is the ~~well~~ pumped? Yes; kind of pump Fairbanks-Morse;
    size or capacity of pump 1000 GPH; kind of power electric 1½ Horsepower

12. **Yield:** Natural flow at present (if any) 30 gallons per minute; original flow ____ gallons per minute;
    well has been pumped at ____ gallons per minute continuously for ____ hours;
    quantity of water ordinarily obtained from well ____ gallons per day.

13. **Use:** For what purpose is the water used? 25 people public water supply

14. **Quality of the water:** ____; is there an analysis? ____
    (Hard or soft, fresh or salty, etc.)

15. **Cost of well,** not including pump: ____ Temperature of water ____ ° F.

    Name of person filling blank ____

    Date 2-15-50 Address ____

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

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One pumping station, 2 pumps drive water through 700 gal. pressure tank & into distribution system. One 1000 g.p.h. Fairbanks Morse Double Acting Displacement Pump with 1½ HP elec. motor. Standby 2500 GPH Fairbanks Morse displacement Pump with 5 HP elec. motor. A 5000 gal steel tank & 1000 GPH Booster Pump on distribution system.

15X 10.8S
12.4E

9-187
July 1918

duplicate with P319
to eliminated

27 Sp

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

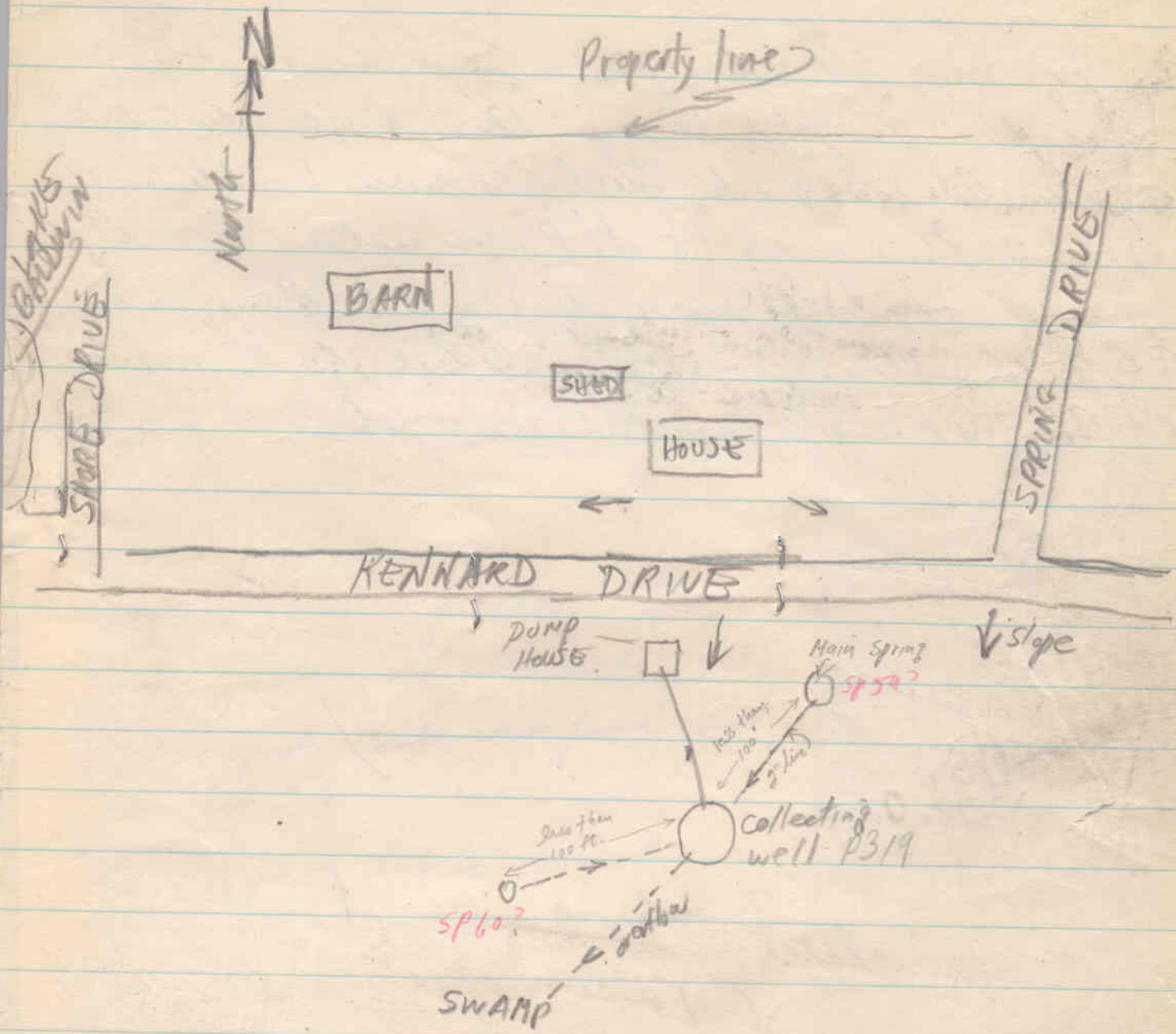
West Point 15' quad
15X, 10.8S, 12.4E

Spring Schedule

Date June, 1949 Field No. ____

Record by J. Page from owner J. Jennings Office No. ____

1. *Location:* State N. Y. County Putnam
 Quadrangle West Point 15' sheet Tn. of Carmel
 ____ ¼ sec. ____ T. ____ N/S R. ____ E/W
2. *Owner* Name Lake Baldwin Land Co. Inc. Address Lake Baldwin, N. Y.
3. *Topography* small valley
4. *Altitude* 540 ft. above ~~below~~ sea level
5. *Kind of rock* igneous "granite"
6. *Structure* —
7. *Openings:* Number ____ Character ____
 Source ____
8. *Improvements, accommodations* concrete casing 36" diam. 15' deep – spring backfilled from 20' to 15' with sand, gravel
9. *Yield* ____ Gal. Min. ____ Meas., Rept.
 Fluctuation ____
 Dependability never fails
10. *Use:* (Dom.), Stock, Irr., Med., Bath, Bottling supplies 55 families summer
 Quantity each family av'g 5000 g per month; total 8800 gpd est
11. *Quality:* Good, fair, bad see sabots
 Taste, odor, color ____ Sample Yes/No —
 Temp. (°F.) 48 (over)



SCALE
1 inch = 50' ±

see ow for correct
dope on pumps

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET From—	DEPTH, IN FEET To—	THICKNESS, IN FEET	REMARKS (Especially information as to water found)
Loam	0	10	10	
Quicksand	10	17	7	
Rock (Granite Gneiss)	17	21	4	
Analyses				
#3 Collecting well overflow, main spring &				
surf. springs composite. 2-24-48				
		Average of 3 analyses 9/19/46 to 2/24/48		
Iron 0.05				0.05
Cl 25.0 ← note: this analysis is included in				28.0
Fluorides 0.15 composite analysis on back of PWS XVI.				0.15
Nitrates 7.0 ; Free NH_3 = 0.002 ; Alb NH_3 = 0.004 ; NO_2 = 0.001 ; NO_3 = 7.0				7.0
Chlorides 4.8				4.2
Hardness (total) 64.0	Backfilled from 20' to 15' with			62
Alk 28.0	sand and gravel. Newfane			26
PH 5.9				5.9
O.C. = 0.8				0.9
see sheet on ~~back of SP 60~~				
(Also on separate sheet of paper)				
Booster pump — 3 HP — capable of 1000 GPH &				
a steel ~~Covered~~ 5000 gal. tank installed late 1947				
8,800 - 4 Pop - (too low flow)				
Water consumption estimated at 15,000 to 30,000				
g p day for 54 families dwellings but only 4 are				
occupied throughout the year.				

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